Amendment dated <u>December 30, 2009</u>
Reply to Office Action of <u>September 30, 2009</u>

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (Previously Presented) A window type air conditioner, comprising:

a case, one side of which is positioned indoors and another side of which is positioned outdoors;

an axial fan mounted in the case that blows air in an axial direction thereof;

a shroud having the axial fan therein, wherein the shroud guides the air blown by the axial

fan; and

an orifice provided at an entrance of the shroud, the orifice surrounding and covering the axial fan in such a manner as to prevent sucked air from colliding with blades of the axial fan in a radius direction.

2. (Previously Presented) The window type air conditioner of claim 1, wherein the orifice is formed in the shape of a circular ring and has a certain width so that the orifice prevents the axial fan from being exposed to outside.

Amendment dated <u>December 30, 2009</u> Reply to Office Action of <u>September 30, 2009</u>

- 3. (Previously Presented) The window type air conditioner of claim 1, wherein an outer diameter of the orifice at a part connected to the shroud and an outer diameter of the orifice at an opened end portion are the same.
- 4. (Previously Presented) The window type air conditioner of claim 1, wherein an outer diameter of the orifice is formed as an inclined surface such that the outer diameter of the orifice increases towards the part connected to the shroud.
- 5. (Previously Presented) The window type air conditioner of claim 1, wherein an inner diameter of the orifice at the entrance of the shroud is equal to an inner diameter at an opened end portion.
- 6. (Previously Presented) A window type air conditioner, comprising:
  a case, one side of which is positioned indoors and another side of which is positioned outdoors;

an indoor device mounted in the case positioned at the indoor side that heat-exchanges indoor air; and

an outdoor device mounted in the case positioned at the outdoor side that heatexchanges outdoor air, wherein the outdoor device includes:

an outdoor heat exchanger that heat-exchanges sucked outdoor air;

Reply to Office Action of September 30, 2009

an outdoor axial fan that generates a blowing force so that the outdoor air is sucked and thereby passes through the outdoor heat exchanger;

a shroud having the axial fan therein, wherein the shroud guides the air blown by the axial fan; and

an orifice provided at an entrance of the shroud, the orifice surrounding and covering the axial fan in such a manner as to prevent sucked air from colliding with blades of the axial fan in a radius direction.

- 7. (Previously Presented) The window type air conditioner of claim 6, wherein the orifice is formed in the shape of a circular ring and has a certain width so that the orifice prevents the axial fan from being exposed to outside.
- 8. (Previously Presented) The window type air conditioner of claim 6, wherein an outer diameter of the orifice at a part connected to the shroud and an outer diameter of the orifice at the opened end portion are the same.
- 9. (Previously Presented) The window type air conditioner of claim 6, wherein an outer diameter of the orifice is formed as an inclined surface such that the outer diameter of the orifice increases towards the part connected to the shroud.

Amendment dated December 30, 2009

Reply to Office Action of September 30, 2009

- 10. (Previously Presented) The window type air conditioner of claim 6, wherein an inner diameter of the orifice at the entrance of the shroud is equal to an inner diameter at an opened end portion.
- 11. (Previously Presented) The window type air conditioner of claim 1, wherein the orifice surrounds and covers a lateral portion of the axial fan to prevent sucked air from colliding with blades of the axial fan in a radius direction.
- 12. (Previously Presented) The window type air conditioner of claim 6, wherein the orifice surrounds and covers a lateral portion of the axial fan to prevent sucked air from colliding with blades of the axial fan in a radius direction.
  - 13. (Currently Amended) A window type air conditioner, comprising:

a case;

an axial fan mounted in the case;

a shroud having the axial fan provided therein; and

an orifice provided at an entrance of the shroud, the orifice surrounding and covering a lateral portion of the axial fan, wherein an outer diameter of the orifice at a part connected to the shroud and an outer diameter of the orifice at an opened end portion are the same.

Amendment dated <u>December 30, 2009</u> Reply to Office Action of <u>September 30, 2009</u>

- 14. (Previously Presented) The window type air conditioner of claim 13, wherein the orifice is formed in the shape of a circular ring.
  - 15. (Canceled).
- 16. (Currently Amended) The window type air conditioner of claim 13 A window type air conditioner, comprising:

a case;

an axial fan mounted in the case;

a shroud having the axial fan provided therein; and

an orifice provided at an entrance of the shroud, the orifice surrounding and covering a lateral portion of the axial fan, wherein an outer diameter of the orifice is formed as an inclined surface.

17. (Currently Amended) The window type air conditioner of claim 13 A window type air conditioner, comprising:

a case;

an axial fan mounted in the case;

a shroud having the axial fan provided therein; and

an orifice provided at an entrance of the shroud, the orifice surrounding and covering a

Serial No. **10/576,561**Amendment dated <u>December 30, 2009</u>
Reply to Office Action of <u>September 30, 2009</u>

Docket No. P-0772

lateral portion of the axial fan, wherein an inner diameter of the orifice at the entrance of the shroud is equal to an inner diameter at an opened end portion.